Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049652.D
Acq On : 13 Feb 2025 16:58
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4141

Quant Time: Feb 17 17:53:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	7644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	22207	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.447	164	12853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	25710	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	18052	0.400	ng/ul	0.00
23) Perylene-d12	23.650	264	19703	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	3481	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.196	152	13045	0.427	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	23526	0.428	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3583	0.385	ng/ul	99
5) Naphthalene	10.651	128	23172	0.421	ng/ul	100
7) 2-Methylnaphthalene	12.267	142	15184	0.424	ng/ul	100
8) 1-Methylnaphthalene	12.487	142	15488	0.426	ng/ul	99
10) Acenaphthylene	14.164	152	22916	0.420	ng/ul	99
11) Acenaphthene	14.507	153	16644	0.419	ng/ul	99
12) Fluorene	15.497	166	18553	0.408	ng/ul	98
14) Pentachlorophenol	16.842	266	2226	0.422	ng/ul	95
15) Phenanthrene	17.230	178	28740	0.418	ng/ul	99
16) Anthracene	17.319	178	26566	0.422	ng/ul	99
19) Fluoranthene	19.244	202	31145	0.418	ng/ul	99
20) Pyrene	19.606	202	32407	0.421	ng/ul	100
21) Benzo(a)anthracene	21.350	228	26019	0.421	ng/ul	100
22) Chrysene	21.400	228	27208	0.415	ng/ul	100
24) Benzo(b)fluoranthene	22.960	252	26676	0.406	ng/ul	97
25) Benzo(k)fluoranthene	23.007	252	28808	0.390	ng/ul	97
26) Benzo(a)pyrene	23.551	252	24900	0.420	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.977	276	33892	0.404	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.990	278	25792	0.404	ng/ul	99
29) Benzo(g,h,i)perylene	26.681	276	27488	0.408	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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